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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/738,650	12/15/2000	Eric Cohen-Solal	US000395	1565

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
P.O. BOX 3001  
BRIARCLIFF MANOR, NY 10510

EXAMINER

YENKE, BRIAN P

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 07/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/738,650

Applicant(s)

COHEN-SOLAL, ERIC

Examiner

BRIAN P. YENKE

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Amendment (21 Apr 04).
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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### **DETAILED ACTION**

1. Applicant's arguments, see paper 6, filed 21 April 2004, with respect to claims 1 and 3-11 in relation to the Kim reference have been fully considered and are persuasive. The rejection of claims with regard to the Kim reference have been withdrawn. However, the examiner is now providing a new Non-Final rejection utilizing AAPA and Rainville.

#### ***Specification***

2. This objection was included in the previous office action, and since no response has been received, the objection is hereby repeated. The specification (page 18, line 8) incorporates subject matter into this application, by referring to a US Application, however no application number is provided. Thus the examiner requests the applicant to provide the application number of the US application.

#### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3-8 and 10-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Applicant's Admitted Prior Art (AAPA).

In considering claims 1, 6-8 and 10-11,

*a) the claimed a display...* is met by AAPA (page 1, line 14 to page 3 line 6), where the AAPA states that prior art systems receive two streams and display a PIP on a primary image.

*b) the claimed a processor...* is met by AAPA where prior art systems automatically reposition the PIP in response to detected motion between one from of the video image and the next frame (page 2, line 18-21). AAPA does disclose the changing of a PIP display characteristic of an image to include the position of the PIP on the display and the display size of the PIP as disclosed by AAPA (pages 1-3).

In considering claims 3-5,

The analyzing of a picture signal in determining the cues (continuous color, text or person image being present) is conventional in the art, as disclosed by AAPA (page 10, line 20 to page 11, line 13; page 13, line 13-15; page 15, line 1-5; page 15 line 18 to page 16, line 10; and page 17, line 11-16).

#### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4a. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over

Applicant's Admitted Prior Art in view of Rainville US 2002/0069411.

In considering claim 9,

AAPA does not specifically address the transparency of the PIP.

AAPA does disclose the changing of a PIP display characteristic of an image to include the position of the PIP on the display and the display size of the PIP as disclosed by AAPA (pages 1-3).

Although, the changing of the transparency of the PIP is conventional in the art, the examiner nonetheless incorporates Rainville et al., US 2002/0069411. Rainville discloses a system which renders the PIP image transparent in order to view the background image behind the PIP image.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to AAPA, which changes the position and/or size of the PIP based on the main picture signal, in order to provide the viewer an optimum display of one or more signals, by also rendering the PIP transparent as done by Rainville in to provide the user the ability to see the entire background image when the changing of position and/or size of the PIP does not adequately display the main picture signal.

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***Applicant's Arguments***

a) The applicant states that AAPA comprises deficiencies in that there may be many portions of a display screen that have motion, yet the prior art has no procedure for discerning which portions of a display are more or less important.

b) The applicant states that AAPA does not disclose a processor that changes the display characteristics of a PIP that corresponds to the display size of the PIP or the transparency of the PIP.

***Examiner's Response***

a) The examiner has read the claims, and cannot find a distinction between what is actually claimed and that of AAPA, therefore since there are no claims directed to portions which are more or less important, the examiner will not further address the issue.

b) The examiner disagrees that AAPA does not disclose a processor that changes the display characteristic of a PIP that corresponds to the display size of the PIP. AAPA does disclose the changing of a PIP display characteristic of an image to include the position of the PIP on the display and the display size of the PIP as disclosed by AAPA (pages 1-3). Regarding the transparency of the PIP, the examiner agrees that AAPA does not teach "transparency", however, the examiner has now relied upon AAPA in view of Rainville, as stated in the rejection above.

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***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure—please see newly cited references on attached form PTO-892.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Yenke whose telephone number is (703) 305-9871. The examiner work schedule is Monday-Thursday, 0730-1830 hrs.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, John W. Miller, can be reached at (703)305-4795.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist). Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703)305-HELP.

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800-PTO-9199 or 703-308-HELP

(FAX) 703-305-7786

(TDD) 703-305-7785

An automated message system is available 7 days a week, 24 hours a day providing informational responses to frequently asked questions and the ability to order certain documents. Customer service representatives are available to answer questions, send materials or connect customers with other offices of the USPTO from 8:30 a.m. - 8:00p.m. EST/EDT, Monday-Friday excluding federal holidays.

For other technical patent information needs, the Patent Assistance Center can be reached through customer service representatives at the above numbers, Monday through Friday (except federal holidays) from 8:30 a.m. to 5:00 p.m. EST/EDT.

General information brochures can also be obtained in person from the Patent Search Room located in Crystal Plaza 3, Room 1A03, 2021 South Clark Place, Arlington, VA 22202.

The Patent Electronic Business Center (EBC) allows USPTO customers to retrieve data, check the status of pending actions, and submit information and applications. The tools currently available in the

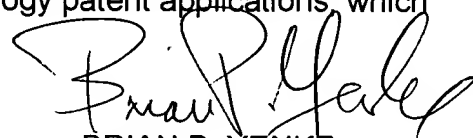


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PAIR (<http://pair.uspto.gov>) provides customers direct secure access to their own patent application status information, as well as to general patent information publicly available. EFS allows customers to electronically file patent application documents securely via the Internet.

EFS is a system for submitting new utility patent applications and pre-grant publication submissions in electronic publication-ready form. EFS includes software to help customers prepare submissions in extensible Markup Language (XML) format and to assemble the various parts of the application as an electronic submission package. EFS also allows the submission of Computer Readable Format (CRF) sequence listings for pending biotechnology patent applications, which were filed in paper form.



BRIAN P. YENKE  
Primary Examiner  
Art Unit 2614



B.P.Y.  
30 June 2004